

**Acute Lymphocytic**

**Leukemia (ALL)**

- Acute Lymphocytic Leukemia is a type of cancer of the blood and bone marrow. Bone marrow is the spongy tissue inside bones where blood cells are made.

**Pathophysiology:**

-Is characterized by the overproduction of the immature lymphoid cells.

**Symptoms/Signs:**

-Individual appears pale, may complain about bone pain, weight loss, fatigue, weakness, bleeding of gums, and frequent infections.

**Diagnoses:**

**Blood test**: Would reveal the increased number of immature lymphocytes and a reduced number of red blood cells.

**Bone Marrow Biopsy:** The removal and examination of a sample of tissue of the hipbone.

**Treatment:**

**Chemotherapy**-The use of drugs to kill cancer cells.

**Radiation Therapy**- The use of high-powered beams, such as X-rays, to kill cancer cells.

**Bone Marrow Transplant**- It replaces bone marrow that is either not working properly or has been destroyed by chemotherapy or radiation with healthy bone marrow.

**Patient Actions:**

Learn about the disease to help when making decisions, taking medications regularly, know the medications and the side effects with other over the counter supplements, ask questions and join a support group.